



COMPUTECH VIDEO DIGITIZER

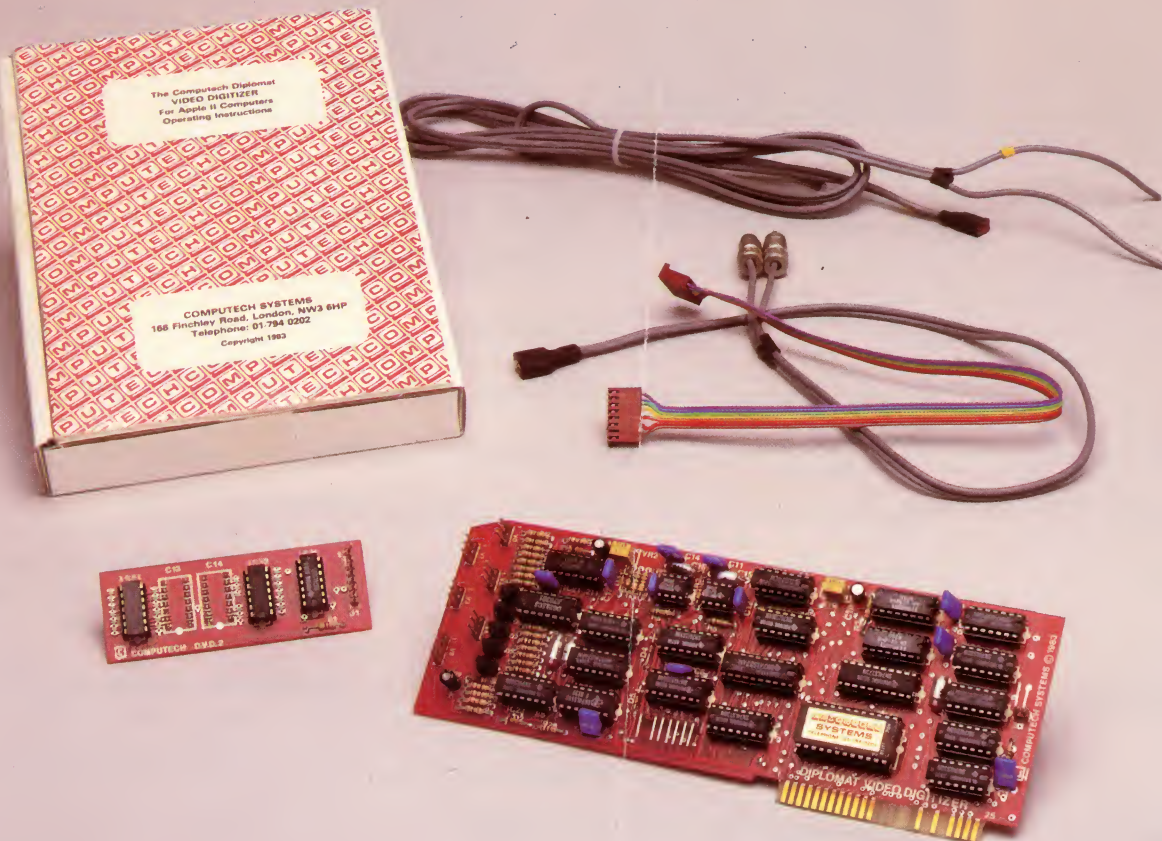
for Apple] [+ Microcomputer

SPECIFICATION

- Input:** 4 Video Camera inputs, standard video 1 volt peak to peak into 75 ohms.
- Output:** Standard synchronisation either composite or separate frame and line, 1 volt into 75 ohms.
- Resolution:** Standard Apple high resolution, 280 horizontal by 192 vertical pixels.
- Memory:** Picture images are digitized and stored in either of the Apple high resolution picture buffers, page 1 or page 2. In addition facilities are provided for transferring images to and from 3 additional logical pages.
- Compatibility:** Interface card is usable under DOS, CP/M and Pascal. ROM firmware compatible with proprietary graphics software. Appears as a serial device to the system.
- Slot:** Slot independent under DOS, treat as an input/output device under CP/M and Pascal.
- Control:** Keyboard, paddles, joystick or program.
- Physical:** Comprises 2 printed circuit cards, one to fit one of the Apple intelligent interface slots and a small 'daughter' board which fits the main logic board transparently, ribbon cable to connect interface to daughter board, soft switch cable to display raw video or digitized image and camera cable.
- Camera:** Not included. Use any standard monochrome CCTV camera compatible with input/output specified above.
Example — National Panasonic WV1500 series.
- Facilities:** All normal Apple hires facilities. Dump picture to any page, merge two hires pages, NEGATE, OR, AND, EXCLUSIVE OR pages, select black and white, black/grey/white or 5 levels, real time and processed edge detection and clear page.
- Price:** UK £195 plus P&P plus VAT. USA \$295 plus P&P.
- Availability:** Local Apple Dealer or Computech.

NOTE: Specifications and prices subject to changes without notice. Not suitable for Apple //e for which separate product is available. Specify which kind of Apple when ordering, i.e., Apple] [+, European Apple //e or American Apple //e. Apple //e versions incorporate 64K RAM and 80 column card facility at extra cost and provide option of double high resolution, 560 x 192 pixels. See separate specifications.

DIPLOMAT VIDEO DIGITIZER FOR APPLE II +



The Diplomat video digitizer fits an Apple intelligent peripheral interface slot enabling the input from a video camera to be digitized, stored in either of the two high resolution screen buffers, displayed on a monitor and processed by program. Digitized images may be printed and stored on diskette in the same way as any Apple high resolution pictures. Frames are captured at the full video rate of one frame per fiftieth of a second. Various modes of operation permit three and five level pictures to be taken and displayed using simulated grey scale. All features of the digitizer may be controlled from the keyboard or by program and the video thresholds may be set on a scale of 256 by means of paddles or joystick. See reverse for specification, price information and example.

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